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Light-Duty Automotive Technology and Fuel Economy Trends: 1975 Through 2005

Appendix J: Data Stratified by Vehicle Type and Transmission Type

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NOTICE

*This Technical Report does not necessarily represent final EPA decisions or positions.
It is intended to present technical analysis of issues using data that are currently available.*

The purpose in the release of such reports is to facilitate an exchange of technical information and to inform the public of technical developments.

Appendix J

Table J-1

Characteristics of 1978 to 2005 OTHER Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT- -MPG	CU-FT- TON-MPG
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45	ADJ 55/45											
1978	45	0.004	28.7	23.8	25.1	24.3	2151	85.7	92	64	14.7	100	0.698	0.0299	26.3	2097	2272
1979	131	0.012	29.3	24.1	25.9	24.9	2251	86.0	96	68	14.6	101	0.715	0.0304	28.6	2206	2471
1980	91	0.010	34.2	27.9	30.5	29.0	2132	88.4	93	73	13.2	105	0.789	0.0344	31.2	2581	2758
1981	51	0.006	34.9	27.9	32.0	29.6	2250	87.8	96	78	13.1	106	0.816	0.0349	33.4	2603	2928
1982	37	0.005	36.6	29.3	33.5	31.1	2200	87.8	91	67	14.4	101	0.740	0.0307	34.2	2734	3003
1983	36	0.005	35.4	28.3	32.7	30.1	2277	89.2	94	70	14.3	102	0.748	0.0309	34.4	2706	3067
1984	3	0.000	33.1	26.4	30.6	28.2	2545	93.5	117	88	13.4	107	0.758	0.0348	35.8	2643	3352
1986	0	0.000	23.0	17.5	23.3	19.7	2750	50.0	170	160	8.8	136	0.941	0.0582	27.1	984	1353
1990	1	0.000	21.1	15.6	22.5	18.1	3500	59.9	220	247	7.5	157	1.123	0.0706	31.6	1082	1894
1991	1	0.000	21.1	15.6	22.5	18.1	3500	59.9	220	247	7.5	157	1.123	0.0706	31.6	1083	1895
1992	1	0.000	22.4	16.5	24.2	19.2	3500	62.6	193	239	7.7	154	1.245	0.0683	33.6	1205	2108
2003	2	0.000	24.0	17.6	26.1	20.6	3500	50.0	195	232	7.9	152	1.192	0.0664	36.1	1031	1803

Percent of OTHER Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION MANUAL	LOCK	FUEL METERING					NUMBER OF VALVES						
					FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE			
1978	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1979	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
1980	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
1981	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
1982	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
1983	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
1984	100.0	0.0	0.0	0.0	10.9	10.9	0.0	89.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1986	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	26.6	0.0	73.4	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0

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Table J-2

Characteristics of 1978 to 2005 M-3 Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT/ -MPG	CU-FT/ TON-MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45												
1978	47	0.004	22.3	17.3	21.6	19.0	3441	113.5	219	100	15.0	104	0.459	0.0293	32.7	2173	3708
1979	23	0.002	22.1	17.4	20.9	18.8	3584	111.7	224	102	15.2	104	0.458	0.0286	33.8	2122	3783
1980	17	0.002	21.1	16.9	19.5	18.0	3526	109.1	228	111	14.2	107	0.485	0.0314	31.8	1964	3464
1981	9	0.001	21.4	16.9	20.2	18.2	3500	103.7	229	115	13.7	109	0.501	0.0328	31.9	1892	3311

Percent of M-3 Cars:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1978	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1979	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1980	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1981	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				

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Table J-8

Characteristics of 1978 to 2005 A-5 Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT- -MPG	CU-FT- TON-MPG
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45												
1990	2	0.000	21.5	16.3	21.9	18.4	4000	50.0	181	228	9.0	143	1.260	0.0570	36.8	920	1841
1991	3	0.000	21.9	16.3	22.8	18.7	4000	50.0	181	228	9.0	143	1.260	0.0570	37.4	936	1872
1992	6	0.001	20.1	15.3	20.2	17.2	4372	104.8	191	228	9.6	138	1.192	0.0523	37.5	1774	3932
1993	6	0.001	19.7	15.0	19.7	16.8	4941	114.6	193	228	10.6	133	1.180	0.0462	41.5	1912	4754
1994	5	0.001	22.8	16.9	24.1	19.5	4853	102.1	195	217	10.9	130	1.113	0.0448	47.4	1987	4895
1995	13	0.001	23.1	17.2	24.4	19.8	4500	109.6	195	217	10.2	134	1.113	0.0482	44.5	2170	4882
1996	9	0.001	23.1	17.2	24.4	19.8	4500	105.4	195	217	10.2	134	1.113	0.0482	44.6	2087	4695
1997	1	0.000	22.4	16.6	23.9	19.2	3000	50.0	151	201	7.9	148	1.331	0.0670	28.8	960	1440
1998	1	0.000	22.4	16.6	23.9	19.2	3000	50.0	151	201	7.9	148	1.331	0.0670	28.8	960	1440
1999	6	0.001	22.5	16.5	24.4	19.3	3239	62.0	178	246	7.2	161	1.378	0.0754	31.3	1198	1971
2000	5	0.001	23.0	16.9	24.7	19.7	3292	59.9	187	254	7.1	163	1.358	0.0770	32.3	1177	1955
2001	6	0.001	22.6	16.5	24.3	19.3	3338	62.5	192	276	6.8	170	1.423	0.0823	32.3	1205	2027
2002	5	0.001	23.6	17.5	24.8	20.2	3327	61.4	197	273	6.8	169	1.381	0.0816	33.6	1243	2088

Percent of A-5 Cars:

MODEL YEAR	DRIVETRAIN FRONT	TRANSMISSION 4WD	FUEL METERING				NUMBER OF VALVES						
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1990	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1991	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1992	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1993	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1995	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1996	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1998	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1999	0.0	5.4	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2000	0.0	6.7	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2001	0.0	22.2	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2002	0.0	14.4	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

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Table J-9

Characteristics of 1978 to 2005 A-6 Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT- -MPG	CU-FT- TON-MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45												
1998	0	0.000	13.3	9.9	14.0	11.4	3500	50.0	213	375	5.4	203	1.761	0.1071	20.0	570	998
1999	1	0.000	13.9	10.3	14.8	11.9	3500	50.0	215	382	5.3	205	1.775	0.1091	21.0	599	1048
2005	2	0.000	15.5	11.7	15.7	13.2	4104	98.0	260	429	5.6	209	1.645	0.1073	27.2	1313	2829

Percent of A-6 Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1998	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1999	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
2005	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

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Table J-12

Characteristics of 1978 to 2005 L-5 Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->					WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT/ -MPG	CU-FT/ TON-MPG
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45	ADJ 55/45											
1993	9	0.001	20.7	15.3	22.0	17.7	4247	116.2	243	280	8.0	156	1.153	0.0662	37.6	2057	4369
1994	22	0.003	21.8	16.0	23.5	18.7	4011	110.0	222	258	8.2	152	1.164	0.0643	37.5	2057	4123
1995	29	0.003	22.5	16.6	24.2	19.3	4301	110.8	233	271	8.3	152	1.167	0.0630	41.5	2139	4608
1996	26	0.003	22.1	16.3	23.4	18.9	4309	106.7	245	258	8.8	148	1.054	0.0592	40.6	2029	4358
1997	150	0.018	24.5	18.2	25.7	21.0	4027	107.3	217	236	9.0	144	1.097	0.0582	42.4	2276	4559
1998	261	0.033	25.3	18.9	26.2	21.6	3923	105.7	202	233	8.9	145	1.165	0.0590	42.6	2306	4512
1999	363	0.043	25.4	18.8	26.7	21.7	3826	106.2	187	223	9.1	143	1.214	0.0578	41.8	2327	4439
2000	622	0.068	24.7	18.3	25.9	21.1	3822	109.7	195	222	9.1	143	1.151	0.0576	40.5	2335	4441
2001	828	0.099	24.9	18.6	25.8	21.3	3792	108.3	185	220	9.0	143	1.210	0.0578	40.5	2317	4393
2002	950	0.114	25.5	19.1	26.5	21.8	3788	105.6	184	219	9.0	142	1.218	0.0575	41.4	2327	4388
2003	1617	0.203	26.8	20.0	27.9	22.9	3670	104.6	179	212	9.1	142	1.205	0.0576	42.3	2451	4453
2004	1801	0.221	27.3	20.3	28.5	23.3	3656	109.4	176	210	9.1	141	1.202	0.0573	42.9	2585	4701
2005	2070	0.240	27.3	20.3	28.6	23.4	3747	110.9	187	216	9.2	141	1.175	0.0571	44.2	2642	4924

Percent of L-5 Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION MANUAL	LOCK	FUEL METERING				NUMBER OF VALVES				
					FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1993	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1994	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1995	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	2.0	0.0	98.0	0.0
1996	16.2	11.4	0.0	100.0	100.0	100.0	0.0	0.0	0.0	32.2	0.0	67.8	0.0
1997	2.0	5.4	0.0	100.0	98.2	98.2	0.0	0.0	1.8	2.6	0.0	93.7	3.6
1998	7.5	10.6	0.0	100.0	98.7	98.7	0.0	0.0	1.3	0.4	20.6	61.6	17.3
1999	17.3	11.7	0.0	100.0	98.7	98.7	0.0	0.0	1.3	0.8	25.7	45.2	28.4
2000	26.8	6.6	0.0	100.0	98.9	98.9	0.0	0.0	1.1	3.7	6.7	75.2	14.4
2001	31.8	13.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.1	17.3	65.3	17.3
2002	38.0	14.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	14.9	68.4	16.7
2003	54.6	9.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	3.5	11.5	75.5	9.5
2004	69.1	8.4	0.0	100.0	99.3	99.3	0.0	0.0	0.7	0.7	7.2	86.4	5.7
2005	62.2	11.4	0.0	100.0	99.1	99.1	0.0	0.0	0.9	9.4	6.7	79.2	4.7

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Table J-13

Characteristics of 1978 to 2005 L-6 Cars

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT- -MPG	CU-FT- TON-MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45												
2000	0	0.000	14.5	10.5	16.0	12.4	3500	50.0	219	394	5.2	210	1.799	0.1126	21.7	620	1086
2001	0	0.000	14.5	10.5	16.0	12.4	3500	50.0	219	394	5.2	210	1.799	0.1126	21.7	620	1086
2002	24	0.003	22.1	16.3	23.7	19.0	4337	111.6	258	335	7.0	173	1.318	0.0780	42.1	2195	4828
2003	72	0.009	24.2	17.9	25.6	20.7	3980	101.3	207	264	8.7	154	1.271	0.0654	41.6	2118	4267
2004	177	0.022	25.1	18.5	26.6	21.5	3980	105.9	209	255	8.8	151	1.216	0.0630	43.0	2302	4591
2005	368	0.043	26.0	19.4	27.4	22.3	3901	114.7	196	237	8.9	146	1.210	0.0602	43.7	2586	5039

Percent of L-6 Cars:

MODEL YEAR	DRIVETRAIN FRONT	TRANSMISSION 4WD	FUEL METERING				NUMBER OF VALVES						
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
2000	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
2001	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
2002	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	98.0	2.0
2003	24.7	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	16.6	0.0	74.5	8.9
2004	20.0	6.9	0.0	100.0	98.5	98.5	0.0	0.0	1.5	10.5	0.0	74.4	15.0
2005	49.3	13.7	0.0	100.0	99.4	99.4	0.0	0.0	0.6	8.3	0.0	83.7	8.0

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Table J-14

Characteristics of 1978 to 2005 L-7 Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	VOL CU-FT	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45											
2004	36	0.004	22.3	16.4	23.9	19.1	4217	95.7	293	295	7.6	162	1.011	0.0704	40.4	1850	3957
2005	51	0.006	22.9	16.9	24.5	19.7	4062	89.4	282	293	7.4	163	1.049	0.0726	40.0	1763	3655

Percent of L-7 Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION				FUEL FI	METERING PORT	TBI	CARB	DSL	NUMBER OF VALVES			
			MANUAL	LOCK	TWO	THREE	FOUR	FIVE							
2004	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	84.1	15.9	0.0	0.0	0.0	0.0

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Table J-15

Characteristics of 1978 to 2005 CVT Cars

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT/ TON-MPG		
			LAB 55/45	ADJ CITY	ADJ HWY												
1989	12	0.001	39.6	33.0	34.2	33.5	2250	88.6	73	66	15.3	100	0.904	0.0293	37.7	2972	3343
1990	3	0.000	37.7	32.4	31.2	31.8	2299	88.7	73	73	14.3	103	1.000	0.0318	36.6	2825	3247
1991	4	0.000	37.3	32.1	30.7	31.5	2289	88.7	73	73	14.3	103	1.000	0.0319	36.0	2793	3197
1992	0	0.000	38.8	32.8	32.7	33.1	2295	88.5	73	73	14.3	103	1.000	0.0319	37.7	2914	3340
1993	1	0.000	37.2	31.9	31.0	31.5	2290	88.5	73	73	14.3	103	1.000	0.0319	36.0	2784	3189
1996	1	0.000	40.4	32.7	36.4	34.3	2750	97.1	97	115	11.5	117	1.186	0.0418	47.1	3328	4577
1997	7	0.001	41.9	34.0	37.8	35.6	2750	99.5	97	115	11.5	117	1.186	0.0418	49.0	3543	4871
1998	5	0.001	42.4	34.2	38.5	36.0	2750	97.1	97	115	11.5	117	1.186	0.0418	49.6	3500	4813
1999	2	0.000	41.8	33.7	38.0	35.5	2750	97.1	97	115	11.5	117	1.186	0.0418	48.9	3451	4744
2000	2	0.000	41.9	33.7	38.2	35.6	2750	97.1	97	115	11.5	117	1.186	0.0418	49.0	3458	4754
2001	19	0.002	55.7	48.9	44.9	47.0	2924	96.3	90	74	17.1	98	0.827	0.0255	69.5	4555	6718
2002	36	0.004	43.3	35.4	38.5	36.7	3084	98.4	103	101	15.5	106	0.947	0.0318	61.9	3998	6090
2003	74	0.009	41.3	33.0	37.9	35.1	3125	98.5	104	114	11.2	112	1.075	0.0359	58.9	3795	5835
2004	101	0.012	47.3	39.0	41.5	40.1	3068	104.9	99	101	10.8	107	1.000	0.0325	67.8	4769	7235
2005	148	0.017	34.0	26.4	32.9	29.0	3537	113.9	135	151	10.5	120	1.108	0.0413	56.6	3748	6375

Percent of CVT Cars:

MODEL YEAR	DRIVETRAIN FRONT	4WD	FUEL METERING				NUMBER OF VALVES						
			TRANSMISSION MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1989	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0
1990	30.8	69.2	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1991	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1992	54.5	45.5	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1993	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
1996	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1997	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1998	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1999	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2000	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2001	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2002	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	79.3	20.7
2003	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	35.5	0.0	43.6	20.8
2004	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	87.9	12.1
2005	80.5	19.5	0.0	0.0	100.0	100.0	0.0	0.0	0.0	13.1	0.0	78.2	8.7

Appendix J

Table J-16 Characteristics of 1979 to 2005 OTHER Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1984	0	0.000	32.4	25.9	30.0	27.6	2750	122	88	14.3	105	0.721	0.0320	37.9
1987	2	0.002	18.4	15.6	15.5	15.5	4000	129	90	18.3	97	0.698	0.0225	31.1
1989	0	0.000	18.6	15.7	15.7	15.7	4500	129	90	20.4	95	0.698	0.0200	35.3
1990	0	0.000	18.5	15.7	15.6	15.6	4500	129	90	20.8	95	0.698	0.0200	35.2

Percent of OTHER Vans:

MODEL YEAR	DRIVETRAIN	TRANSMISSION		FUEL METERING				NUMBER OF VALVES						
		FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1984	100.0	0.0		0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1987	0.0	100.0		100.0	0.0	100.0	100.0	0.0	0.0	0.0				
1989	0.0	100.0		58.9	0.0	100.0	100.0	0.0	0.0	0.0				
1990	0.0	0.0		0.0	0.0	100.0	100.0	0.0	0.0	0.0				

Appendix J

Table J-17 Characteristics of 1979 to 2005 M-3 Vans

MODEL YEAR	SALES (000)	FRAC 55/45	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB CITY	ADJ HWY	ADJ 55/45	ADJ 55/45								
1979	40	0.083	17.3	14.1	15.7	14.8	4248	264	129	14.6	108	0.490	0.0304	31.6
1980	29	0.121	19.0	15.1	17.7	16.1	4172	275	126	14.6	108	0.464	0.0304	33.7
1981	20	0.082	19.9	15.9	18.4	16.9	4166	274	125	14.7	108	0.461	0.0301	35.3
1982	12	0.039	20.1	16.1	18.4	17.1	4177	276	117	15.4	105	0.428	0.0281	35.6
1983	11	0.029	19.9	15.9	18.4	17.0	4227	279	118	15.5	105	0.424	0.0279	35.8
1984	14	0.020	20.7	16.6	19.0	17.6	4096	285	118	15.2	106	0.414	0.0288	36.1
1985	7	0.008	20.8	16.8	18.7	17.6	4034	287	132	13.8	111	0.465	0.0327	35.6
1986	5	0.004	20.9	17.0	18.7	17.7	4023	281	136	13.5	112	0.488	0.0337	35.7
1987	1	0.001	20.6	16.6	18.8	17.5	4069	266	161	11.8	120	0.605	0.0396	35.6

Percent of M-3 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1980	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1981	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1982	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1983	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1984	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1985	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1986	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1987	0.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0				

Appendix J

Table J-18 Characteristics of 1979 to 2005 M-4 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1979	31	0.065	15.0	12.0	13.7	12.7	4224	272	125	15.7	107	0.470	0.0290	27.2
1980	33	0.139	19.3	15.1	18.6	16.5	3938	207	94	18.1	99	0.476	0.0236	32.5
1981	34	0.137	19.5	15.5	18.2	16.6	4048	230	99	17.7	100	0.451	0.0243	33.8
1982	36	0.118	21.1	16.8	19.5	17.9	3927	208	92	18.8	98	0.463	0.0231	35.8
1983	34	0.090	20.1	15.8	19.1	17.1	3953	217	98	17.6	100	0.473	0.0245	34.0
1984	50	0.074	21.3	16.7	20.1	18.1	3774	196	100	16.4	102	0.559	0.0265	34.4
1985	31	0.036	22.5	17.9	20.9	19.2	3751	180	98	16.6	101	0.600	0.0263	36.1
1986	16	0.016	21.2	16.8	19.7	18.0	3799	191	102	16.1	102	0.582	0.0269	34.5
1987	13	0.011	20.0	15.9	18.5	17.0	3903	190	107	16.1	103	0.601	0.0272	33.2
1988	3	0.003	20.6	16.6	18.7	17.5	3885	172	111	15.8	105	0.666	0.0284	34.1
1989	3	0.002	21.5	17.5	19.2	18.3	4050	168	107	16.8	102	0.662	0.0263	37.0
1990	3	0.003	21.8	18.0	19.1	18.5	4000	129	90	18.9	97	0.698	0.0225	37.1
1991	0	0.000	18.5	15.7	15.7	15.7	4311	129	90	19.6	96	0.698	0.0209	33.8

Percent of M-4 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	0.0	100.0	0.0	22.1	0.0	0.0	77.9	0.0				
1980	0.0	0.0	100.0	0.0	38.7	0.0	0.0	61.3	0.0				
1981	2.4	0.0	100.0	0.0	27.1	0.0	0.0	72.9	0.0				
1982	0.0	0.0	100.0	0.0	20.7	0.0	0.0	63.8	15.6				
1983	0.3	0.0	100.0	0.0	30.1	0.0	0.0	69.2	0.6				
1984	17.7	0.0	100.0	0.0	31.6	0.0	0.0	68.0	0.4				
1985	10.4	0.0	100.0	0.0	55.5	0.0	0.0	44.1	0.3				
1986	6.5	0.0	100.0	0.0	55.4	40.4	15.0	44.2	0.4				
1987	0.0	0.0	100.0	0.0	82.5	76.2	6.3	17.4	0.1				
1988	0.0	0.0	100.0	0.0	99.4	70.3	29.1	0.0	0.6				
1989	0.0	0.0	100.0	0.0	98.8	73.7	25.1	0.0	1.2				
1990	0.0	6.6	6.6	0.0	100.0	100.0	0.0	0.0	0.0				
1991	0.0	100.0	62.2	0.0	100.0	100.0	0.0	0.0	0.0				

Appendix J

Table J-19 Characteristics of 1979 to 2005 M-5 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45		CID	HP					
1983	0	0.001	33.9	29.8	27.3	28.6	3198	97	49	24.7	87	0.505	0.0160	45.5
1984	41	0.061	27.8	21.6	26.7	23.7	3370	129	89	16.1	101	0.689	0.0266	39.9
1985	47	0.055	27.4	21.3	26.5	23.3	3301	128	95	15.1	104	0.743	0.0290	38.5
1986	68	0.065	26.0	20.2	25.0	22.1	3377	143	100	14.8	105	0.708	0.0300	37.4
1987	58	0.052	25.5	19.7	24.9	21.8	3408	147	108	14.3	107	0.738	0.0316	37.2
1988	39	0.035	24.6	18.8	24.6	21.0	3607	167	116	14.1	109	0.714	0.0321	38.1
1989	35	0.027	24.1	18.5	24.1	20.6	3673	170	120	13.9	109	0.724	0.0326	38.0
1990	19	0.015	25.2	19.4	24.9	21.5	3584	159	123	13.5	111	0.777	0.0344	38.8
1991	14	0.013	23.8	18.4	23.2	20.3	3719	146	117	14.4	108	0.802	0.0314	37.7
1992	19	0.016	26.3	20.2	25.7	22.4	3407	141	117	13.2	111	0.854	0.0347	38.1
1993	17	0.012	24.4	18.5	24.9	20.9	3723	156	118	14.2	108	0.762	0.0318	39.1
1994	7	0.005	25.9	19.7	26.0	22.1	3542	154	115	14.0	109	0.755	0.0325	39.2
1995	2	0.001	23.9	19.0	22.3	20.4	3942	138	119	14.7	109	0.874	0.0321	39.9
1996	0	0.000	28.3	22.3	26.7	24.1	3210	133	127	11.9	116	0.955	0.0395	38.7

Percent of M-5 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1983	24.2	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0				
1984	70.9	0.0	100.0	0.0	29.1	0.0	0.0	68.9	1.9				
1985	61.6	6.3	100.0	0.0	32.1	0.0	0.0	67.9	0.0				
1986	31.1	19.7	100.0	0.0	37.5	33.1	4.4	59.6	2.9				
1987	29.3	24.5	100.0	0.0	60.2	47.5	12.7	39.8	0.0				
1988	31.8	20.3	100.0	0.0	100.0	63.1	36.9	0.0	0.0				
1989	32.2	15.7	100.0	0.0	100.0	68.7	31.3	0.0	0.0				
1990	56.8	12.7	100.0	0.0	100.0	64.9	35.1	0.0	0.0				
1991	6.4	35.6	100.0	0.0	100.0	99.0	1.0	0.0	0.0				
1992	67.5	11.3	100.0	0.0	100.0	78.6	21.4	0.0	0.0				
1993	66.5	0.6	100.0	0.0	100.0	66.0	34.0	0.0	0.0				
1994	68.5	7.0	100.0	0.0	100.0	48.1	51.9	0.0	0.0	83.2	7.0	9.9	0.0
1995	67.2	32.8	100.0	0.0	100.0	100.0	0.0	0.0	0.0	41.0	0.0	59.0	0.0
1996	58.1	41.9	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

Appendix J

Table J-20 Characteristics of 1979 to 2005 A-3 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1979	377	0.784	13.0	10.7	11.6	11.1	4625	334	148	14.5	112	0.445	0.0321	25.9
1980	85	0.350	15.2	12.2	13.9	12.9	4657	315	137	15.5	108	0.437	0.0294	30.3
1981	77	0.314	16.0	12.9	14.5	13.6	4511	309	130	15.6	107	0.425	0.0290	30.8
1982	119	0.385	15.6	12.6	14.2	13.3	4518	314	135	15.2	108	0.431	0.0299	30.1
1983	110	0.286	15.7	12.7	14.3	13.4	4399	316	133	15.1	109	0.424	0.0304	29.6
1984	263	0.390	17.8	14.2	16.4	15.1	3962	249	127	14.5	109	0.548	0.0319	30.6
1985	365	0.427	19.2	15.5	17.6	16.4	3827	218	121	14.7	108	0.593	0.0314	31.9
1986	328	0.314	21.0	16.8	19.4	17.9	3843	204	115	15.2	106	0.597	0.0299	34.6
1987	286	0.257	19.3	15.4	17.8	16.4	4098	239	136	14.1	111	0.593	0.0329	34.1
1988	199	0.176	19.4	15.6	17.7	16.5	4172	247	139	14.2	112	0.578	0.0329	34.9
1989	262	0.205	20.8	16.7	19.1	17.7	3899	208	131	14.1	111	0.667	0.0333	35.0
1990	53	0.042	18.7	15.2	16.7	15.9	4326	260	151	13.5	115	0.615	0.0352	34.4
1991	19	0.018	17.3	14.2	15.2	14.6	4608	276	142	14.9	110	0.527	0.0307	33.7
1992	23	0.019	16.4	13.3	14.7	13.9	4897	306	174	13.4	118	0.564	0.0358	34.3
1993	24	0.017	16.6	13.5	15.0	14.1	5074	303	160	14.7	113	0.526	0.0318	35.9
1994	29	0.021	16.4	13.2	14.9	13.9	4956	307	175	13.5	118	0.568	0.0359	34.6
1995	27	0.016	16.3	13.2	14.7	13.8	5030	305	168	14.1	115	0.549	0.0339	34.9
1996	23	0.016	15.9	12.7	14.5	13.5	5066	305	170	14.1	116	0.554	0.0342	34.2
1997	5	0.004	16.0	12.8	14.7	13.6	4500	318	215	10.3	133	0.676	0.0478	30.6

Percent of A-3 Vans:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	0.0	0.0	0.0	0.4	0.0	0.0	99.6	0.0				
1980	0.0	0.0	0.0	0.0	3.2	0.0	0.0	96.8	0.0				
1981	0.0	0.0	0.0	0.0	2.7	0.0	0.0	97.3	0.0				
1982	0.0	0.0	0.0	0.0	1.4	0.0	0.0	98.6	0.0				
1983	0.4	0.0	0.0	0.0	2.6	0.0	0.0	97.0	0.4				
1984	39.7	0.0	0.0	0.0	2.1	0.0	0.0	97.5	0.5				
1985	59.2	0.0	0.0	0.0	1.5	0.0	0.0	98.5	0.0				
1986	66.3	0.0	0.0	0.0	0.9	0.9	0.0	99.1	0.0				
1987	43.2	0.0	0.0	0.0	41.2	16.7	24.5	58.8	0.0				
1988	38.1	0.0	0.0	0.0	98.7	29.9	68.8	1.3	0.0				
1989	64.6	0.0	0.0	0.0	100.0	46.7	53.3	0.0	0.0				
1990	16.3	6.7	0.0	0.0	100.0	70.3	29.7	0.0	0.0				
1991	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0				
1992	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0				
1993	0.0	1.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0				
1994	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0

Appendix J

Table J-21 Characteristics of 1979 to 2005 A-4 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
			55/45	CITY	ADJ	HWY								
1990	6	0.005	14.5	11.4	13.7	12.4	4709	348	184	12.1	122	0.530	0.0393	29.1
1991	3	0.003	14.4	11.4	13.4	12.2	4639	344	182	12.1	122	0.530	0.0394	28.4
1992	1	0.001	13.6	10.7	12.8	11.5	4856	360	203	11.5	126	0.564	0.0421	28.0

Percent of A-4 Vans:

MODEL YEAR	DRIVETRAIN	TRANSMISSION		FUEL METERING				NUMBER OF VALVES						
		FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1990	0.0	0.0		0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	
1991	0.0	0.0		0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	
1992	0.0	0.0		0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	

Appendix J

Table J-24 Characteristics of 1979 to 2005 L-5 Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1997	17	0.014	20.4	15.5	20.4	17.4	4236	244	160	12.5	118	0.656	0.0379	36.8
2002	198	0.160	23.0	17.3	23.6	19.7	4625	212	228	10.1	136	1.075	0.0496	45.6
2003	250	0.203	23.2	17.4	23.8	19.8	4536	208	225	10.1	136	1.080	0.0499	45.0
2004	289	0.260	23.6	17.6	24.6	20.2	4557	208	225	10.1	136	1.084	0.0497	46.1
2005	448	0.275	24.4	18.2	25.4	20.9	4560	207	231	9.9	137	1.118	0.0510	47.7

Percent of L-5 Vans:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1997	0.0	47.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
2002	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2003	100.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2004	99.4	0.6	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2005	97.9	2.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

Appendix J

Table J-25 Characteristics of 1979 to 2005 CVT Vans

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG		
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45									
2005	97	0.060	25.6	19.5	25.5	21.8	4220	182	203	10.3	132	1.115	0.0483	46.1	
Percent of CVT Vans:															
MODEL YEAR	DRIVETRAIN	FRONT	4WD	TRANSMISSION	MANUAL	LOCK	FUEL METERING	FI	PORT	TBI	CARB	DSL	NUMBER OF VALVES		
2005	56.0	44.0		0.0	0.0		100.0	100.0		0.0	0.0	0.0	0.0	0.0	0.0

Appendix J

Table J-26 Characteristics of 1979 to 2005 OTHER SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG			
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45										
1983	1	0.003	13.7	10.6	13.3	11.6	5000	318	160	14.3	113	0.503	0.0320	29.1		
Percent of OTHER SUVs:																
MODEL YEAR	DRIVETRAIN	FRONT	4WD	TRANSMISSION	MANUAL	LOCK	FUEL METERING	FI	PORT	TBI	CARB	DSL	NUMBER OF VALVES			
1983	0.0	100.0		0.0	0.0		0.0	0.0	0.0	100.0	0.0		TWO	THREE	FOUR	FIVE

Appendix J

Table J-28 Characteristics of 1979 to 2005 M-4 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->			WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
			LAB 55/45	CITY 55/45	HWY 55/45									
1979	50	0.126	12.4	10.1	11.1	10.5	4888	322	153	14.5	111	0.479	0.0311	25.9
1980	61	0.330	19.1	15.4	17.2	16.2	3184	222	95	14.9	104	0.462	0.0299	26.1
1981	47	0.343	20.1	16.0	18.7	17.1	3293	235	105	14.0	107	0.467	0.0323	28.3
1982	28	0.175	19.5	15.4	18.2	16.6	3634	245	107	15.0	105	0.472	0.0299	30.4
1983	47	0.163	20.7	16.4	19.4	17.6	3403	212	106	14.5	107	0.538	0.0313	30.2
1984	83	0.133	20.6	16.3	19.2	17.5	3603	204	105	15.2	105	0.555	0.0294	31.8
1985	58	0.078	22.0	17.3	20.7	18.7	3529	158	95	16.2	102	0.630	0.0268	33.4
1986	27	0.035	21.6	17.2	20.1	18.4	3616	198	114	14.1	108	0.610	0.0317	33.8
1987	18	0.021	20.1	15.9	18.8	17.1	3872	193	118	14.5	107	0.639	0.0307	34.6
1988	1	0.001	27.1	21.6	25.0	23.0	3348	150	117	13.0	111	0.780	0.0351	38.5
1992	16	0.016	22.1	17.1	21.3	18.8	3484	239	188	9.3	136	0.788	0.0539	32.8

Percent of M-4 SUVs:

MODEL YEAR	DRIVETRAIN FRONT 4WD	TRANSMISSION		FUEL FI	METERING			DSL	NUMBER OF VALVES			
		MANUAL	LOCK		PORT	TBI	CARB		TWO	THREE	FOUR	FIVE
1979	0.0	55.3	100.0	0.0	0.0	0.0	0.0	98.5	1.5			
1980	0.0	100.0	100.0	0.0	0.0	0.0	0.0	93.4	6.6			
1981	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0			
1982	0.0	98.0	100.0	0.0	0.0	0.0	0.0	91.8	8.2			
1983	0.0	93.9	100.0	0.0	0.0	0.0	0.0	100.0	0.0			
1984	0.0	95.5	100.0	0.0	0.0	0.0	0.0	100.0	0.0			
1985	0.0	88.3	100.0	0.0	9.0	0.0	0.0	91.0	0.0			
1986	0.0	84.8	100.0	0.0	53.0	0.0	53.0	47.0	0.0			
1987	0.0	79.1	100.0	0.0	74.2	6.4	67.8	25.8	0.0			
1988	0.0	69.7	100.0	0.0	100.0	0.0	100.0	0.0	0.0			
1992	0.0	67.7	100.0	0.0	100.0	100.0	0.0	0.0	0.0			

Appendix J

Table J-30 Characteristics of 1979 to 2005 M-6 SUVs

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45									
2004	4	0.001	21.7	16.0	23.2	18.6	4420	182	225	9.7	137	1.236	0.0515	41.0
2005	29	0.007	21.1	16.3	20.7	18.0	3757	210	192	9.8	134	0.941	0.0513	34.5

Percent of M-6 SUVs:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
2004	0.0	100.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2005	0.0	92.2	100.0	0.0	100.0	100.0	0.0	0.0	0.0	61.5	0.0	38.5	0.0

Appendix J

Table J-32 Characteristics of 1979 to 2005 A-4 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1987	15	0.017	21.0	17.6	18.2	17.8	3500	156	109	14.6	107	0.699	0.0311	31.2
1988	7	0.008	20.1	16.8	17.3	17.0	3500	156	109	14.6	107	0.699	0.0311	29.8
1989	9	0.010	19.4	16.1	16.8	16.4	4000	181	143	13.0	115	0.790	0.0357	32.8
1990	13	0.019	15.5	12.2	14.7	13.2	4728	312	169	13.1	117	0.557	0.0358	31.5
1991	5	0.004	15.8	12.5	14.8	13.4	4748	313	169	13.1	117	0.550	0.0357	32.0
1992	0	0.000	13.0	10.3	12.2	11.1	5000	357	193	12.3	122	0.541	0.0386	27.7
1997	22	0.009	25.9	20.8	23.7	22.0	3000	149	142	10.4	125	0.953	0.0473	33.1

Percent of A-4 SUVs:

MODEL YEAR	DRIVETRAIN FRONT	4WD	FUEL METERING					NUMBER OF VALVES					
			TRANSMISSION MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1987	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	54.6	0.0	0.0	100.0	9.0	91.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	56.6	0.0	0.0	100.0	6.9	93.1	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	91.2	0.0	0.0	100.0	6.9	93.1	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

Appendix J

Table J-35 Characteristics of 1979 to 2005 L-5 SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1997	297	0.121	20.1	15.4	20.0	17.2	4470	244	160	13.0	116	0.656	0.0358	38.4
1998	411	0.159	20.5	15.8	20.2	17.5	4306	239	166	12.3	120	0.701	0.0386	37.7
1999	394	0.139	20.6	15.8	20.2	17.5	4337	240	187	11.3	126	0.782	0.0430	38.0
2000	390	0.124	20.5	15.7	20.2	17.5	4418	241	186	11.5	125	0.780	0.0422	38.6
2001	534	0.155	20.0	15.3	19.9	17.1	4497	242	220	10.1	135	0.922	0.0492	38.6
2002	935	0.223	19.6	15.0	19.7	16.8	4547	249	223	10.1	135	0.906	0.0492	38.2
2003	968	0.235	20.4	15.5	20.4	17.4	4624	244	230	10.0	136	0.958	0.0499	40.3
2004	1506	0.324	20.5	15.6	20.6	17.5	4675	249	243	9.7	140	0.997	0.0522	41.1
2005	2088	0.470	21.1	16.1	21.2	18.1	4543	233	233	9.9	138	1.012	0.0511	41.2

Percent of L-5 SUVs:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1997	0.0	64.6	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1998	0.0	53.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	90.4	9.6	0.0	0.0
1999	0.0	54.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	86.8	13.2	0.0	0.0
2000	0.0	53.2	0.0	100.0	100.0	100.0	0.0	0.0	0.0	86.3	9.2	4.5	0.0
2001	0.0	67.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	75.0	7.5	17.5	0.0
2002	0.0	69.5	0.0	100.0	100.0	100.0	0.0	0.0	0.0	83.4	4.7	11.9	0.0
2003	2.8	74.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	50.1	3.7	46.2	0.0
2004	8.4	71.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	38.5	1.9	59.5	0.0
2005	9.6	69.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	42.3	1.0	56.7	0.0

Appendix J

Table J-36

Characteristics of 1979 to 2005 L-6 SUVs

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG		
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45									
2004	44	0.010	19.8	15.0	20.2	17.0	5350	231	272	10.1	141	1.170	0.0513	45.5
2005	84	0.019	18.9	14.3	19.2	16.1	5628	258	285	10.0	142	1.117	0.0510	45.6

Percent of L-6 SUVs:

MODEL YEAR	DRIVETRAIN FRONT	4WD	FUEL METERING				NUMBER OF VALVES						
			TRANSMISSION MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
2004	0.0	100.0	0.0	100.0	98.3	98.3	0.0	0.0	1.7	1.7	0.0	78.9	19.3
2005	0.0	84.8	0.0	100.0	100.0	100.0	0.0	0.0	0.0	7.9	15.2	58.6	18.3

Appendix J

Table J-37 Characteristics of 1979 to 2005 CVT SUVs

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----->				WGHT LB	ENGINE CID	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
2002	3	0.001	27.4	22.2	25.8	23.7	3500	132	141	11.8	119	1.067	0.0403	42.2
2003	95	0.023	26.6	20.7	25.6	22.6	3787	179	200	9.9	135	1.105	0.0522	42.9
2004	80	0.017	26.2	20.4	25.3	22.3	3859	191	215	9.4	140	1.121	0.0553	43.1
2005	94	0.021	27.8	21.7	26.7	23.7	3794	172	190	10.2	132	1.086	0.0495	45.6

Percent of CVT SUVs:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
2002	39.5	60.5	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2003	51.3	48.7	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.1	0.0	99.9	0.0
2004	35.0	65.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2005	47.9	52.1	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

Appendix J

Table J-38

Characteristics of 1979 to 2005 OTHER Pickup Trucks

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45									
1983	6	0.004	15.6	12.3	14.5	13.2	4498	280	132	15.9	108	0.465	0.0292	30.2
1996	1	0.000	15.5	11.9	15.3	13.2	5385	346	227	11.3	129	0.657	0.0422	35.5

Percent of OTHER Pickup Trucks:

MODEL YEAR	DRIVETRAIN FRONT	4WD	FUEL METERING				DSL	NUMBER OF VALVES			
			TRANSMISSION MANUAL	LOCK	FI	PORT		TBI	CARB	FOUR	FIVE
1983	0.0	59.1	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0
1996	0.0	77.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0

Appendix J

Table J-39

Characteristics of 1979 to 2005 M-3 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ----->					WGHT LB	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45	ADJ 55/45								
1979	230	0.104	17.7	14.4	16.0	15.1	4181	272	127	14.6	108	0.469	0.0304	31.7
1980	267	0.186	17.5	13.9	16.1	14.8	4282	293	135	14.2	110	0.464	0.0315	32.1
1981	221	0.154	19.2	15.3	17.7	16.3	4126	285	127	14.4	109	0.449	0.0308	33.9
1982	151	0.105	18.7	15.0	17.2	15.9	4145	289	128	14.4	109	0.445	0.0310	33.3
1983	125	0.077	18.9	15.1	17.3	16.0	4269	296	129	14.6	108	0.438	0.0304	34.5
1984	86	0.042	19.6	15.6	18.3	16.7	4259	289	129	14.7	108	0.445	0.0302	35.7
1985	165	0.079	18.2	14.7	16.6	15.5	4352	302	141	13.8	112	0.469	0.0325	34.1
1986	170	0.067	18.5	14.9	16.8	15.7	4329	299	137	14.2	110	0.459	0.0316	34.1
1987	119	0.056	17.7	14.3	16.0	15.0	4454	303	155	13.1	115	0.512	0.0350	33.6
1988	67	0.027	17.9	14.4	16.3	15.2	4462	311	164	12.6	118	0.527	0.0368	34.1
1989	72	0.032	17.7	14.3	16.0	15.0	4559	307	157	13.3	115	0.511	0.0345	34.6
1990	27	0.015	16.6	13.2	15.4	14.2	4671	316	169	12.8	118	0.534	0.0362	33.5
1991	14	0.007	16.8	13.5	15.5	14.3	4644	314	171	12.6	118	0.545	0.0369	33.8
1992	5	0.003	18.1	14.8	16.1	15.4	4556	300	150	13.6	113	0.499	0.0330	35.1
1993	3	0.002	18.7	15.3	16.7	15.9	4555	300	159	13.1	115	0.528	0.0349	36.3

Percent of M-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	9.7	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1980	0.0	32.2	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1981	0.0	24.9	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1982	0.0	32.5	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1983	0.0	41.8	100.0	0.0	0.0	0.0	0.0	100.0	0.0				
1984	0.0	23.3	100.0	0.0	0.0	0.0	0.0	0.0	98.7	1.3			
1985	0.0	54.3	100.0	0.0	5.2	0.0	0.0	94.2	0.6				
1986	0.0	51.0	100.0	0.0	17.9	17.9	0.0	81.7	0.4				
1987	0.0	54.8	100.0	0.0	93.5	71.4	22.2	6.2	0.2				
1988	0.0	49.2	100.0	0.0	97.4	55.1	42.4	1.5	1.0				
1989	0.0	55.8	100.0	0.0	99.4	74.8	24.6	0.0	0.6				
1990	0.0	67.4	100.0	0.0	98.7	42.1	56.6	0.0	1.3				
1991	0.0	62.1	100.0	0.0	98.2	44.1	54.1	0.0	1.8				
1992	0.0	55.3	100.0	0.0	100.0	100.0	0.0	0.0	0.0				
1993	0.0	56.4	100.0	0.0	100.0	100.0	0.0	0.0	0.0				

Appendix J

Table J-40

Characteristics of 1979 to 2005 M-4 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ----->						WGHT 55/45	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
		FRAC	LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45	LB		CID	HP					
1979	527	0.239	17.8	14.5	16.5	15.4	3692	220	118	14.3	108	0.592	0.0314	28.8	
1980	377	0.263	23.2	18.3	21.7	19.7	3104	156	92	14.9	104	0.644	0.0297	31.0	
1981	355	0.247	24.6	19.4	23.2	20.9	3253	190	98	14.8	105	0.567	0.0300	34.2	
1982	327	0.227	25.5	20.1	24.2	21.7	3166	181	101	14.0	107	0.601	0.0322	34.5	
1983	409	0.251	26.5	20.9	24.9	22.5	3035	159	92	14.6	104	0.606	0.0306	34.4	
1984	460	0.225	22.9	18.1	21.5	19.5	3412	192	101	14.9	105	0.564	0.0298	33.7	
1985	316	0.152	26.4	20.7	25.2	22.5	3135	180	102	13.8	107	0.606	0.0327	35.5	
1986	294	0.116	26.6	20.9	25.2	22.7	3206	181	104	13.8	108	0.617	0.0328	36.6	
1987	276	0.129	26.1	20.5	24.8	22.2	3235	182	109	13.5	109	0.629	0.0338	36.2	
1988	110	0.045	26.2	21.2	23.7	22.2	2947	146	106	12.7	111	0.723	0.0361	32.9	
1989	57	0.026	25.6	20.7	23.2	21.7	2955	157	107	12.6	111	0.698	0.0365	32.0	
1990	51	0.028	26.0	20.8	23.9	22.1	2988	156	110	12.5	112	0.721	0.0371	33.0	
1991	5	0.003	20.3	15.9	19.4	17.3	4271	249	143	13.6	113	0.606	0.0338	36.6	
1992	45	0.024	18.9	14.5	18.9	16.2	4312	279	161	12.6	118	0.576	0.0372	34.9	
1993	24	0.012	17.7	13.7	17.2	15.1	4813	313	190	12.0	123	0.606	0.0394	36.6	
1994	17	0.007	17.4	13.6	16.7	14.8	4946	326	198	11.8	124	0.609	0.0400	37.0	
1995	11	0.005	17.6	13.6	17.2	15.0	4961	331	199	11.7	124	0.604	0.0401	37.4	

Percent of M-4 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE	
1979	0.0	29.9	100.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1				
1980	5.5	28.8	100.0	0.0	3.1	0.0	0.0	94.4	2.5					
1981	4.8	22.7	100.0	0.0	1.4	0.0	0.0	93.7	4.9					
1982	4.8	15.9	100.0	0.0	0.4	0.0	0.0	93.9	5.7					
1983	1.1	16.7	100.0	0.0	0.1	0.0	0.0	96.4	3.5					
1984	0.4	27.0	100.0	0.0	0.0	0.0	0.0	98.1	1.9					
1985	0.0	10.1	100.0	0.0	20.6	0.0	0.0	78.7	0.7					
1986	0.0	9.0	100.0	0.0	35.3	4.6	30.7	64.2	0.5					
1987	0.0	7.3	100.0	0.0	63.9	22.3	41.7	35.9	0.2					
1988	0.0	0.8	100.0	0.0	41.7	3.2	38.5	58.3	0.0					
1989	0.0	6.6	100.0	0.0	19.2	6.2	13.0	80.8	0.0					
1990	0.0	5.5	100.0	0.0	38.4	33.5	4.9	61.6	0.0					
1991	0.0	59.6	100.0	0.0	82.5	65.9	16.6	17.4	0.1					
1992	0.0	46.1	100.0	0.0	99.2	57.2	42.1	0.0	0.8					
1993	0.0	67.6	100.0	0.0	100.0	19.7	80.3	0.0	0.0					
1994	0.0	74.7	100.0	0.0	100.0	11.4	88.6	0.0	0.0	100.0	0.0	0.0	0.0	0.0
1995	0.0	68.9	100.0	0.0	100.0	11.3	88.7	0.0	0.0	100.0	0.0	0.0	0.0	0.0

Appendix J

Table J-42

Characteristics of 1979 to 2005 M-6 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45									
2004	2	0.001	13.1	9.4	14.6	11.2	5000	500	500	5.8	209	1.000	0.1000	28.0
2005	71	0.029	20.5	15.8	20.2	17.5	4556	250	247	9.5	142	0.983	0.0543	40.3

Percent of M-6 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
2004	0.0	0.0	100.0	0.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
2005	0.0	41.5	67.1	0.0	100.0	100.0	0.0	0.0	0.0	67.1	0.0	32.9	0.0

Appendix J

Table J-43

Characteristics of 1979 to 2005 A-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			LAB 55/45	ADJ CITY	ADJ HWY	ADJ 55/45								
1979	1297	0.588	14.0	11.6	12.3	11.9	4448	331	149	14.2	113	0.456	0.0336	27.1
1980	277	0.193	17.3	14.0	15.5	14.7	3944	278	129	14.1	110	0.492	0.0327	29.1
1981	207	0.144	17.6	14.2	16.0	15.0	3968	287	125	14.5	109	0.455	0.0315	29.9
1982	196	0.136	17.1	13.9	15.3	14.5	3987	292	129	14.1	110	0.459	0.0325	29.3
1983	239	0.147	17.9	14.4	16.3	15.2	3705	248	116	14.6	108	0.502	0.0313	28.7
1984	297	0.146	17.1	13.8	15.6	14.6	3855	269	130	14.1	111	0.501	0.0334	28.4
1985	268	0.129	16.5	13.4	14.9	14.0	4106	306	154	12.8	117	0.507	0.0372	29.1
1986	236	0.093	17.7	14.3	15.9	15.0	4023	288	145	13.3	115	0.516	0.0358	30.5
1987	200	0.093	16.7	13.5	15.2	14.2	4318	303	157	13.0	117	0.522	0.0363	30.9
1988	199	0.081	16.8	13.5	15.3	14.3	4441	309	168	12.5	119	0.546	0.0380	31.9
1989	101	0.045	16.0	12.9	14.6	13.6	4501	318	170	12.6	119	0.533	0.0378	30.9
1990	47	0.026	16.4	13.3	14.9	14.0	4323	328	183	11.6	125	0.566	0.0422	31.5

Percent of A-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING				NUMBER OF VALVES				
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	7.5	0.0	0.0	0.0	0.0	0.0	95.8	4.2				
1980	0.6	15.9	0.0	0.0	0.6	0.0	0.0	99.4	0.0				
1981	0.0	10.5	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1982	3.7	14.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1983	5.7	18.6	0.0	0.0	0.1	0.0	0.0	99.8	0.1				
1984	1.2	30.9	0.0	0.0	0.0	0.0	0.0	99.5	0.5				
1985	0.0	22.4	0.0	0.0	2.3	0.0	0.0	97.5	0.2				
1986	0.0	19.7	0.0	0.0	8.9	8.9	0.0	91.0	0.1				
1987	0.0	25.5	0.0	0.0	66.0	44.4	21.6	34.0	0.0				
1988	0.0	31.0	0.0	0.0	98.0	44.5	53.5	2.0	0.0				
1989	0.0	37.7	0.0	0.0	100.0	56.4	43.6	0.0	0.0				
1990	0.0	12.2	0.0	0.0	100.0	2.5	97.5	0.0	0.0				

Appendix J

Table J-45

Characteristics of 1979 to 2005 L-3 Pickup Trucks

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	HP HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG
			55/45	CITY	HWY	55/45								
1979	29	0.013	16.2	13.1	14.6	13.7	4000	290	132	14.2	111	0.454	0.0330	27.5
1980	315	0.219	17.0	13.6	15.7	14.5	4469	313	142	14.4	111	0.458	0.0320	33.0
1981	343	0.238	18.3	14.6	17.0	15.6	4221	290	139	14.0	112	0.483	0.0331	33.1
1982	275	0.191	20.1	15.9	18.9	17.1	3768	245	130	13.6	112	0.546	0.0346	32.2
1983	119	0.073	19.0	15.0	17.8	16.1	4100	277	139	13.9	113	0.503	0.0338	33.1
1984	193	0.095	18.5	14.7	17.2	15.7	4164	276	137	14.1	111	0.502	0.0328	32.8
1985	234	0.113	17.8	14.2	16.3	15.1	4204	279	147	13.4	114	0.536	0.0350	31.8
1986	206	0.081	18.0	14.5	16.5	15.3	4155	279	146	13.3	114	0.535	0.0350	31.8
1987	134	0.063	20.0	15.8	18.7	17.0	3751	251	125	14.0	111	0.502	0.0334	32.0
1988	99	0.040	19.5	15.4	18.3	16.6	3825	247	123	14.3	109	0.512	0.0322	31.8
1989	40	0.018	19.4	15.6	17.8	16.5	3835	230	117	15.0	107	0.533	0.0304	31.7
1990	24	0.013	18.7	15.2	16.9	15.9	3919	242	132	14.1	111	0.556	0.0334	31.3
1991	13	0.007	17.0	13.5	15.9	14.5	4272	294	156	12.9	117	0.531	0.0366	31.0
1992	5	0.003	18.1	14.6	16.5	15.4	4043	239	127	14.5	109	0.531	0.0314	31.1
1993	4	0.002	18.5	15.0	16.8	15.8	4039	239	127	14.5	109	0.531	0.0315	31.8

Percent of L-3 Pickup Trucks:

MODEL YEAR	DRIVETRAIN FRONT	4WD	TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
			MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1979	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	17.8	0.0	100.0	0.0	0.0	0.0	84.8	15.2	0.0	0.0	0.0	0.0
1981	0.0	10.4	0.0	100.0	0.0	0.0	0.0	93.8	6.2	0.0	0.0	0.0	0.0
1982	0.0	5.9	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	3.0	0.0	100.0	0.2	0.0	0.0	99.2	0.6	0.0	0.0	0.0	0.0
1984	0.0	1.1	0.0	100.0	0.1	0.0	0.0	99.8	0.1	0.0	0.0	0.0	0.0
1985	0.0	0.1	0.0	100.0	2.5	0.0	2.5	97.5	0.0	0.0	0.0	0.0	0.0
1986	0.0	3.8	0.0	100.0	3.3	0.0	3.3	96.7	0.0	0.0	0.0	0.0	0.0
1987	0.0	21.6	0.0	100.0	4.9	0.0	4.9	95.1	0.0	0.0	0.0	0.0	0.0
1988	0.0	13.1	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix J

Table J-47

Characteristics of 1979 to 2005 L-5 Pickup Trucks

MODEL YEAR	SALES (000)	<---- FUEL ECONOMY ---->				WGHT LB	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	
		FRAC 55/45	LAB CITY	ADJ HWY	ADJ 55/45									
1997	51	0.021	21.1	16.1	20.9	18.0	3974	244	160	11.8	121	0.656	0.0403	35.7
1998	58	0.024	21.1	16.3	20.6	18.0	3843	244	160	11.5	122	0.656	0.0418	34.5
1999	67	0.026	20.5	15.8	19.9	17.4	3949	244	160	11.8	121	0.656	0.0406	34.4
2000	60	0.023	20.0	15.5	19.4	17.1	3948	244	160	11.8	121	0.656	0.0406	33.7
2001	213	0.085	21.0	16.2	20.6	17.9	3833	207	173	11.0	126	0.831	0.0449	34.4
2002	230	0.097	21.1	16.2	20.7	18.0	3882	205	171	11.2	125	0.835	0.0439	35.0
2003	522	0.211	19.4	15.0	19.0	16.5	4695	262	218	10.8	132	0.834	0.0462	38.8
2004	410	0.204	19.7	15.1	19.6	16.8	4530	258	222	10.4	134	0.857	0.0485	38.1
2005	822	0.335	19.6	15.0	19.4	16.7	4711	276	252	9.7	141	0.908	0.0531	39.3

Percent of L-5 Pickup Trucks:

MODEL YEAR	DRIVETRAIN FRONT	4WD	FUEL METERING				DSL	NUMBER OF VALVES					
			TRANSMISSION MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1997	0.0	42.2	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	58.9	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	69.3	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	71.5	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	36.7	0.0	100.0	100.0	100.0	100.0	0.0	0.0	95.6	0.0	4.4	0.0
2002	0.0	40.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	91.2	0.0	8.8	0.0
2003	0.0	38.3	0.0	100.0	100.0	100.0	100.0	0.0	0.0	96.1	0.0	3.9	0.0
2004	0.0	46.1	0.0	100.0	100.0	100.0	100.0	0.0	0.0	94.8	0.0	5.2	0.0
2005	0.0	41.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	62.6	0.0	37.4	0.0